

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032108.D
 Acq On : 20 Jun 2024 22:37
 Operator : MA/JU
 Sample : P2710-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BM3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 21 02:28:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	378419	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	1810372	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.281	164	1233523	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	2360651	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1549449	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1586581	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	35570	3.889	ng/uL	0.00
4) Pyridine-d5	3.575	84	121300	4.711	ng/u1	0.00
7) Phenol-d5	6.817	99	858585	26.466	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	483326	25.471	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	753633	30.446	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	733978	27.755	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	399336	28.849	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	446615	31.235	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	769847	28.840	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	817702	20.631	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	2525554	29.389	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	2805937	28.397	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	396797	23.062	ng/u1	0.00
60) Fluorene-d10	15.275	176	2064426	28.392	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	339699m	28.629	ng/u1	0.00
73) Anthracene-d10	17.128	188	2971736	29.404	ng/u1	0.00
81) Pyrene-d10	19.433	212	2661862	32.104	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1536224	20.278	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.840	94	34758	1.053	ng/u1#	85
72) Phenanthrene	17.075	178	519022	4.316	ng/u1	97
80) Fluoranthene	19.092	202	919175	9.276	ng/u1	98
82) Pyrene	19.457	202	618058	6.079	ng/u1	96
85) Benzo(a)anthracene	21.245	228	329595	3.178	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.169	149	249281	3.561	ng/u1	97
87) Chrysene	21.304	228	345581	3.567	ng/u1	94
90) Benzo(b)fluoranthene	23.257	252	409808	4.321	ng/u1	96
91) Benzo(k)fluoranthene	23.304	252	167697m	1.802	ng/u1	
93) Benzo(a)pyrene	24.027	252	151708	1.708	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.427	276	132099	1.291	ng/u1	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

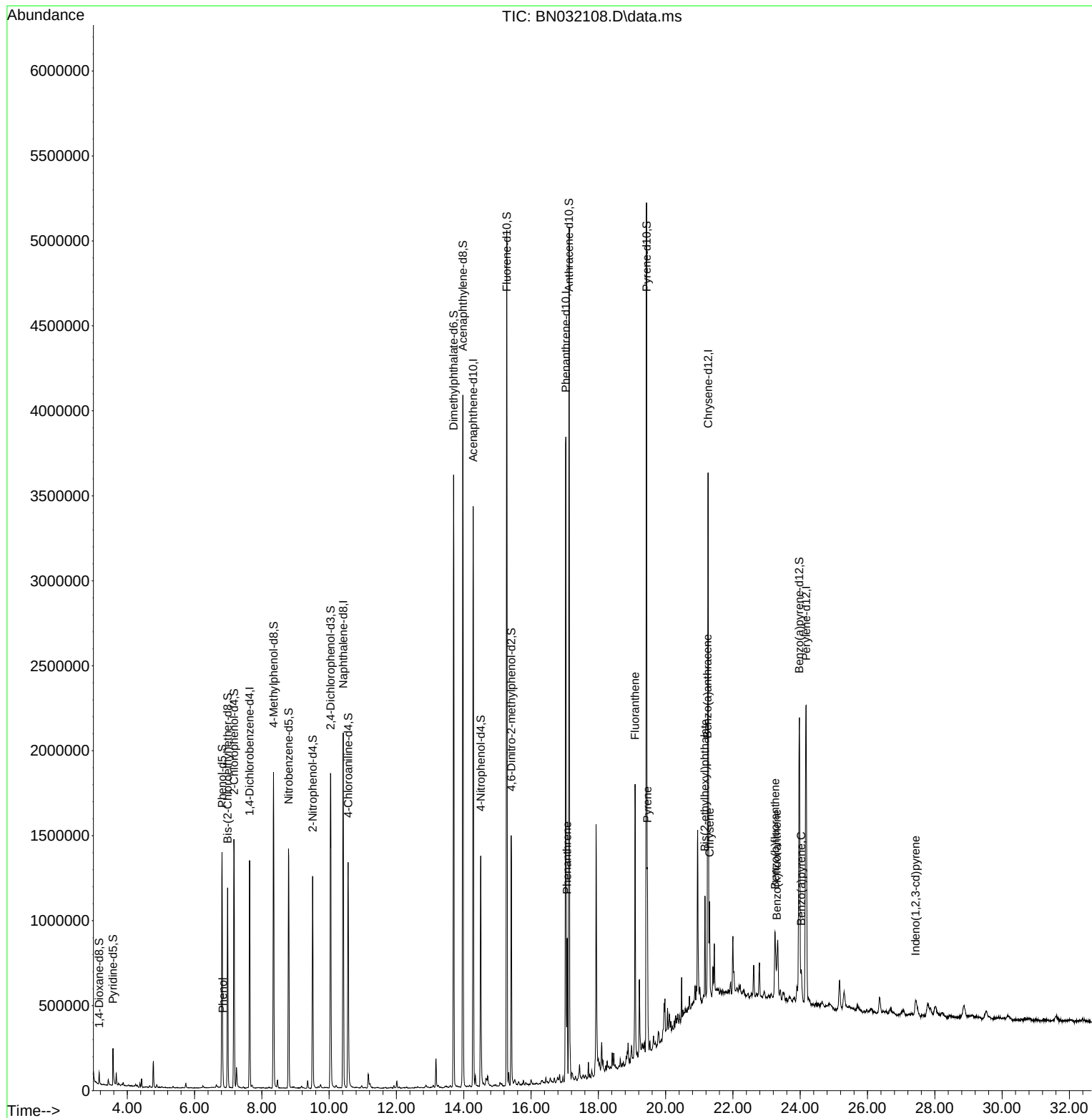
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032108.D
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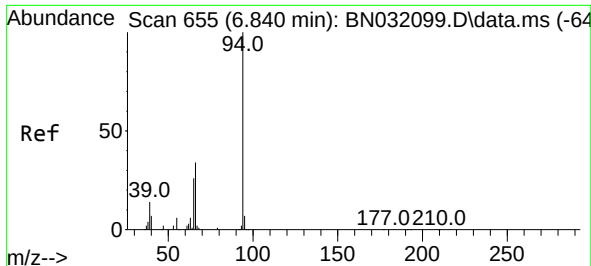
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
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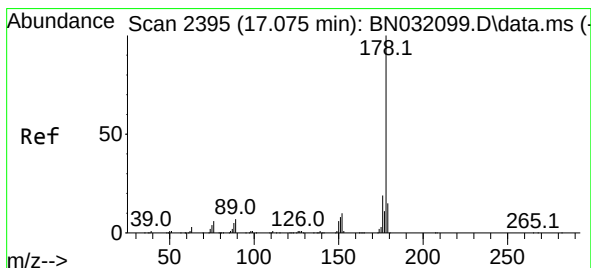
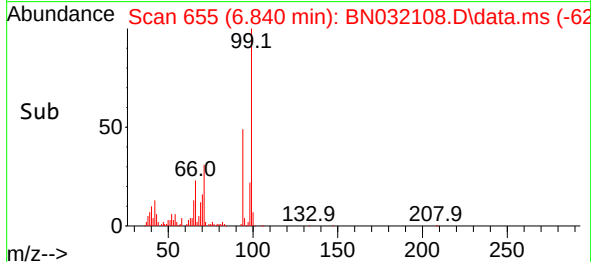
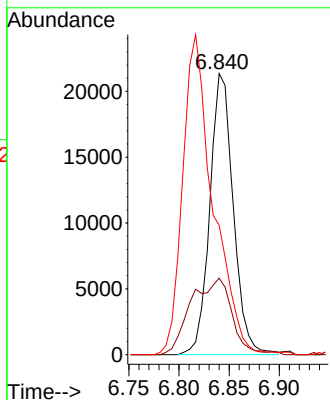
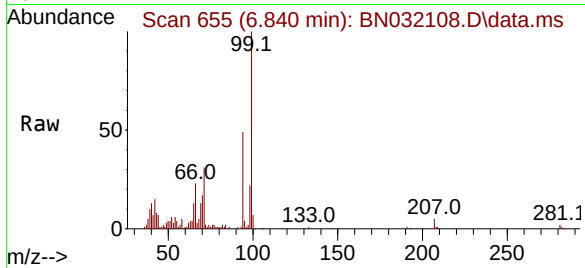
#8
Phenol
Concen: 1.053 ng/ul
RT: 6.840 min Scan# 655
Delta R.T. 0.000 min
Lab File: BN032108.D
Acq: 20 Jun 2024 22:37

Instrument :
BNA_N
ClientSampleId :
A4BM3

Tgt Ion: 94 Resp: 3475
Ion Ratio Lower Upper
94 100
65 27.2 20.3 30.5
66 46.0 25.8 38.8

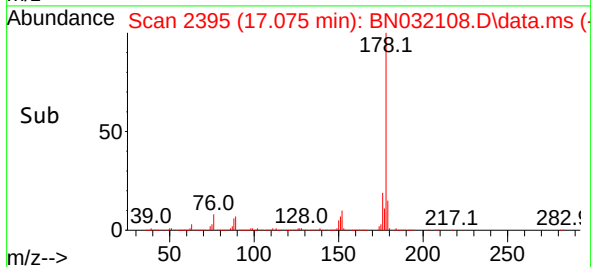
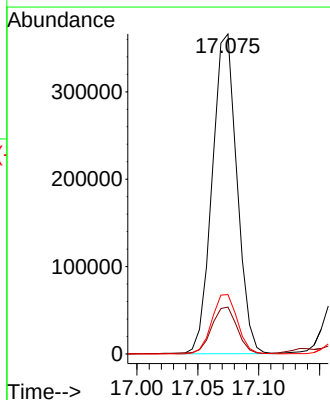
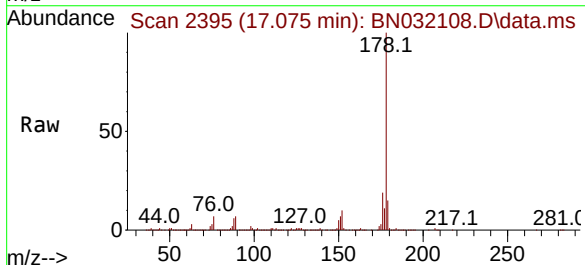
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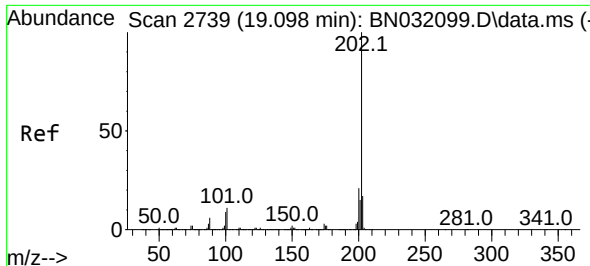
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#72
Phenanthrene
Concen: 4.316 ng/ul
RT: 17.075 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN032108.D
Acq: 20 Jun 2024 22:37

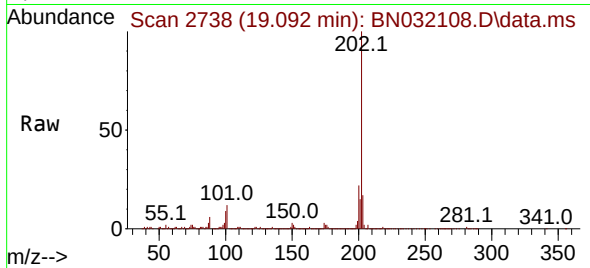
Tgt Ion:178 Resp: 519022
Ion Ratio Lower Upper
178 100
179 14.6 12.6 19.0
176 18.6 15.8 23.6





#80
Fluoranthene
Concen: 9.276 ng/ul
RT: 19.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN032108.D
Acq: 20 Jun 2024 22:37

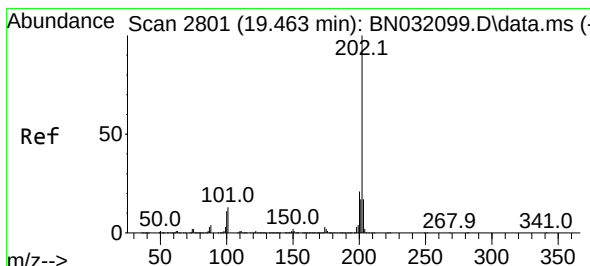
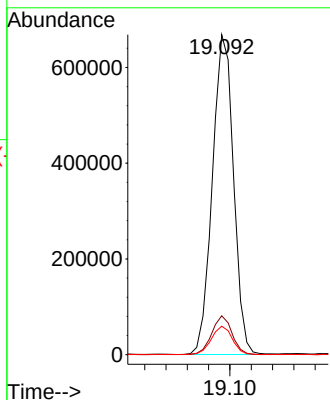
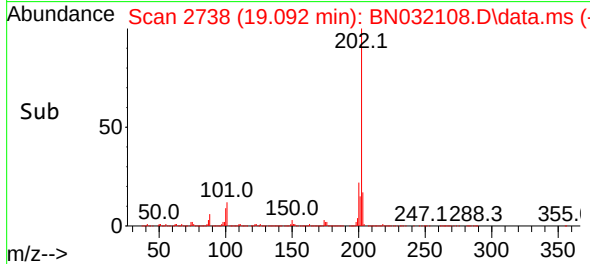
Instrument :
BNA_N
ClientSampleId :
A4BM3



Tgt Ion:202 Resp: 919175
Ion Ratio Lower Upper
202 100
101 12.2 10.3 15.5
100 8.9 8.0 12.0

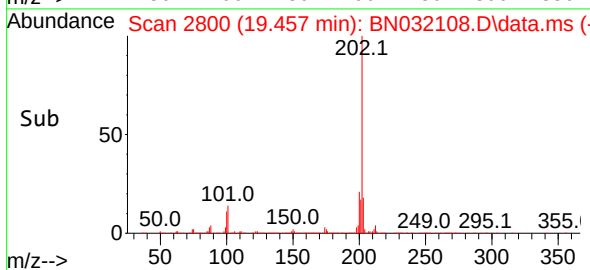
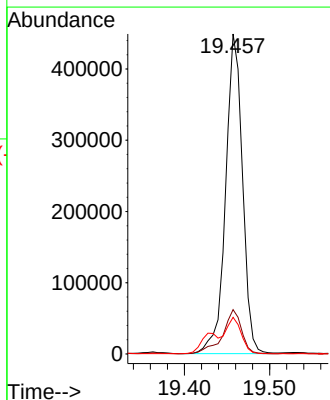
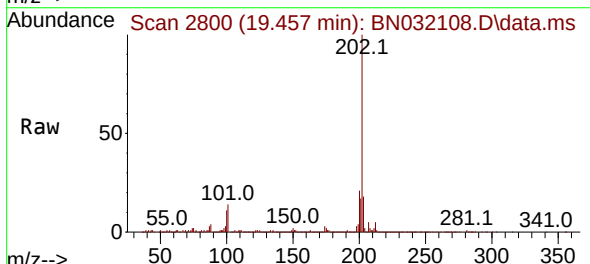
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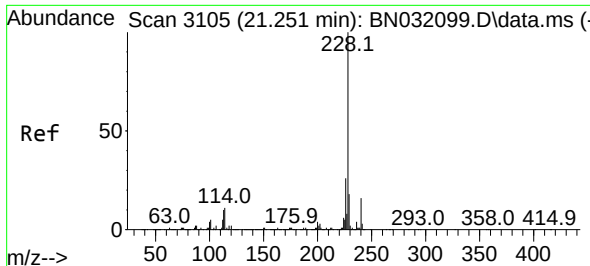
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#82
Pyrene
Concen: 6.079 ng/ul
RT: 19.457 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BN032108.D
Acq: 20 Jun 2024 22:37

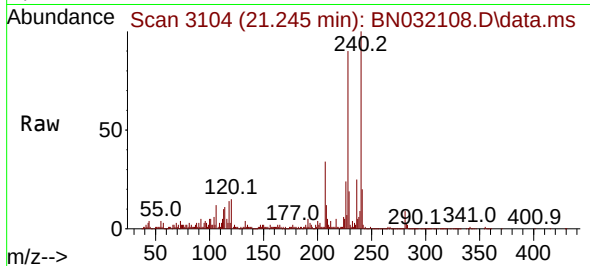
Tgt Ion:202 Resp: 618058
Ion Ratio Lower Upper
202 100
101 13.8 12.6 18.8
100 11.4 10.2 15.2





#85
Benzo(a)anthracene
Concen: 3.178 ng/ul
RT: 21.245 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BN032108.D
Acq: 20 Jun 2024 22:37

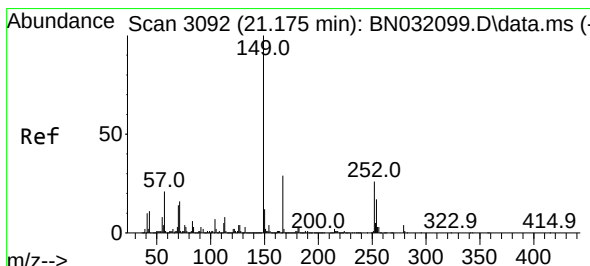
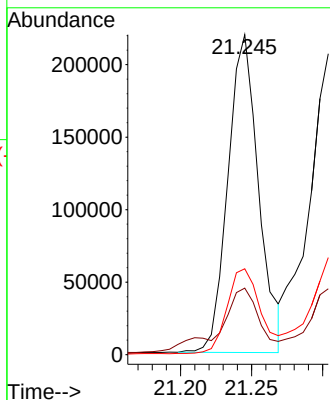
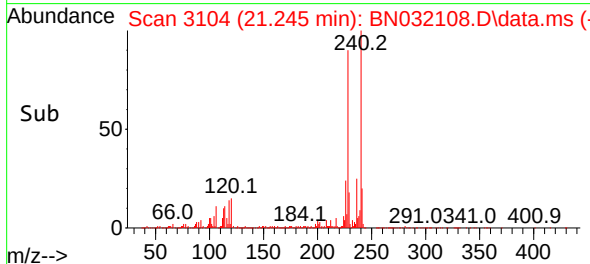
Instrument :
BNA_N
ClientSampleId :
A4BM3



Tgt Ion:228 Resp: 32959
Ion Ratio Lower Upper
228 100
229 20.8 16.7 25.1
226 26.8 22.8 34.2

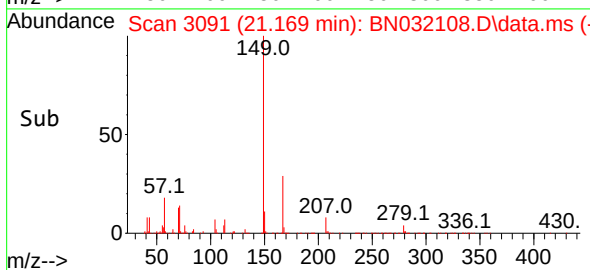
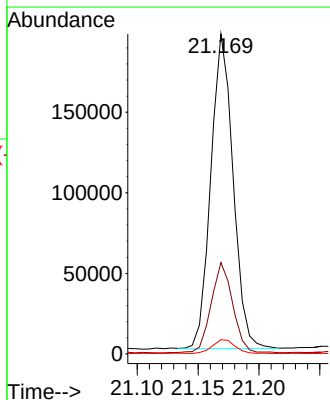
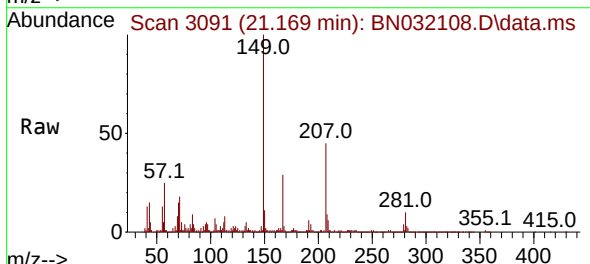
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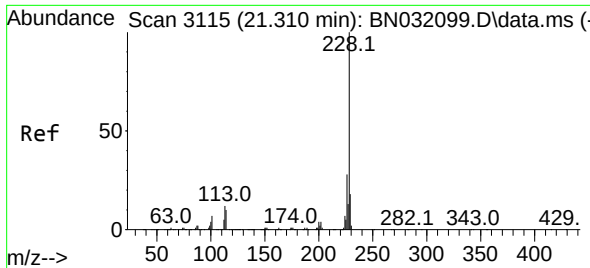
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.561 ng/ul
RT: 21.169 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BN032108.D
Acq: 20 Jun 2024 22:37

Tgt Ion:149 Resp: 249281
Ion Ratio Lower Upper
149 100
167 28.5 21.4 32.0
279 4.5 3.3 4.9





#87

Chrysene

Concen: 3.567 ng/ul

RT: 21.304 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BN032108.D

Acq: 20 Jun 2024 22:37

Instrument :

BNA_N

ClientSampleId :

A4BM3

Tgt Ion:228 Resp: 34558

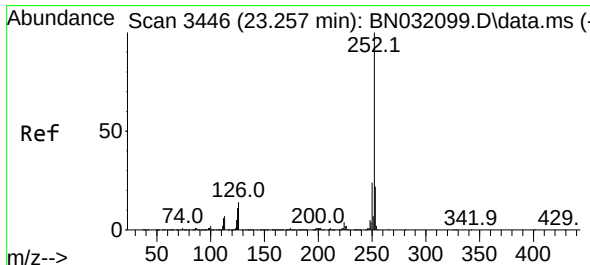
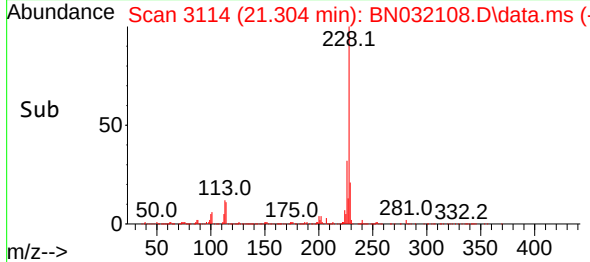
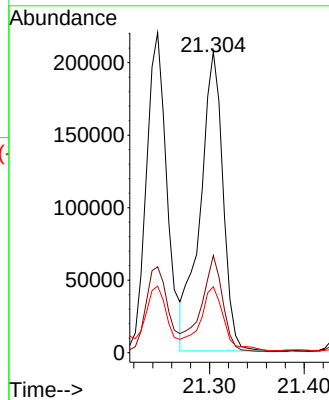
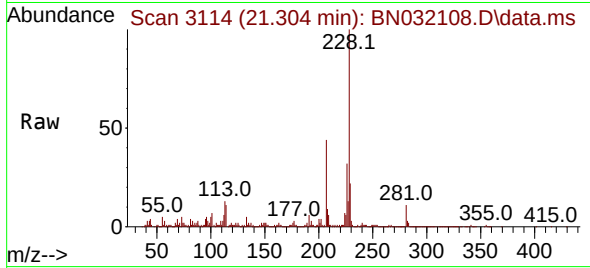
Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.7	35.5
229	21.9	15.1	22.7

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 4.321 ng/ul

RT: 23.257 min Scan# 3446

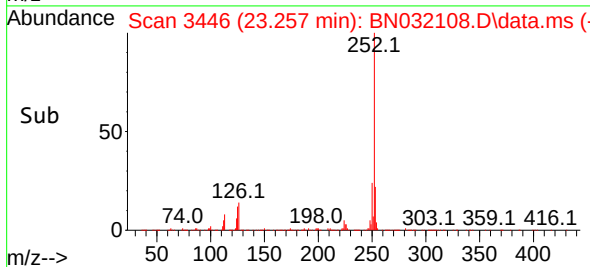
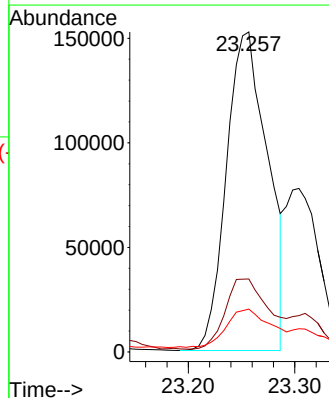
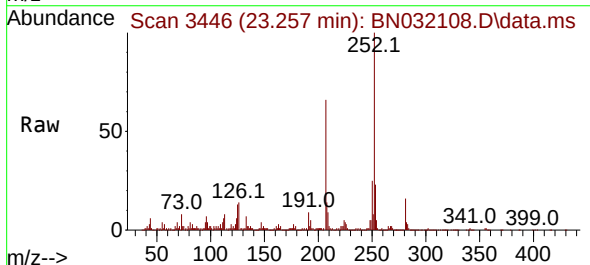
Delta R.T. -0.006 min

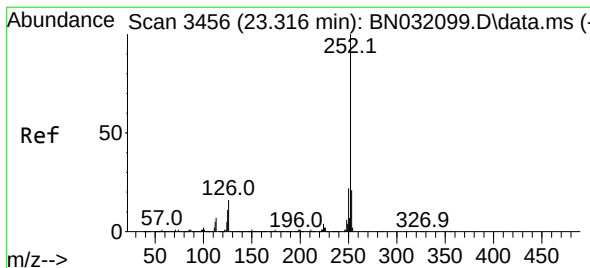
Lab File: BN032108.D

Acq: 20 Jun 2024 22:37

Tgt Ion:252 Resp: 409808

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	13.4	9.2	13.8





#91

Benzo(k)fluoranthene

Concen: 1.802 ng/ul m

RT: 23.304 min Scan# 34

Delta R.T. -0.017 min

Lab File: BN032108.D

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ClientSampleId :

A4BM3

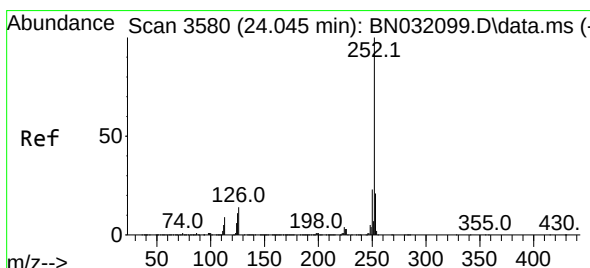
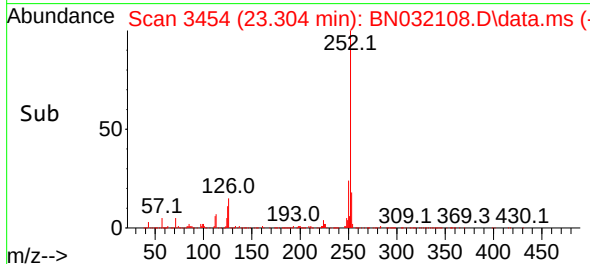
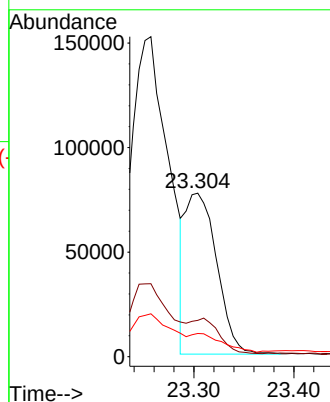
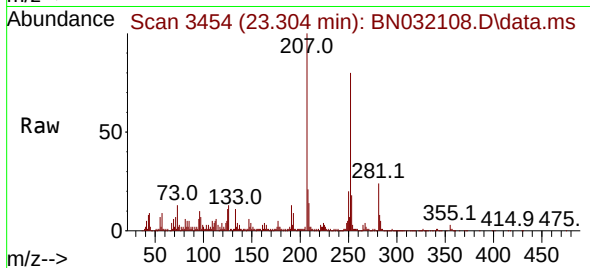
Tgt Ion:252 Resp: 16769

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	14.2	9.4	14.2

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 1.708 ng/ul

RT: 24.027 min Scan# 3577

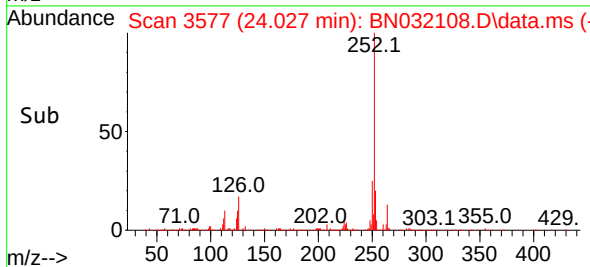
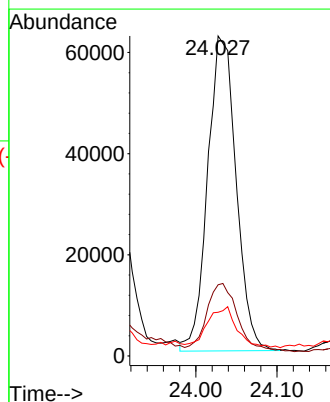
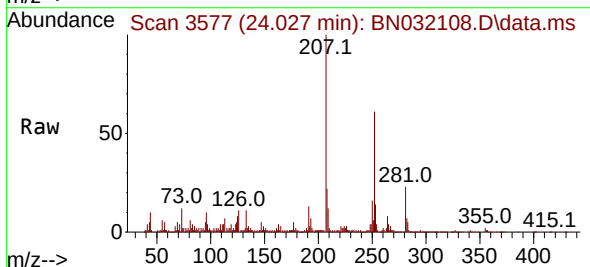
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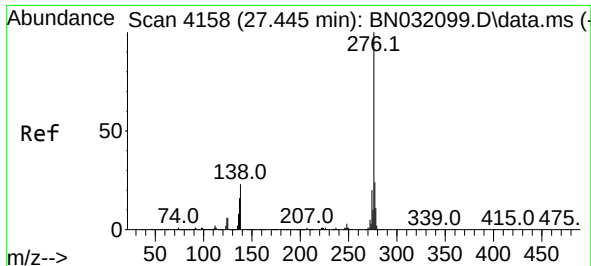
Lab File: BN032108.D

Acq: 20 Jun 2024 22:37

Tgt Ion:252 Resp: 151708

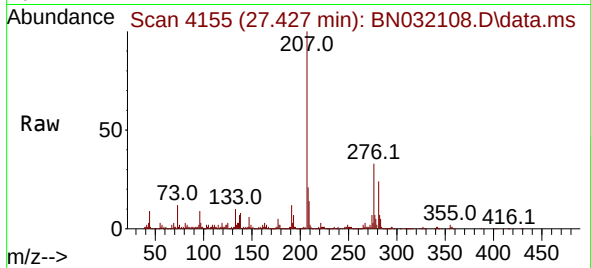
Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.6	24.8
125	13.7	9.8	14.8





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.291 ng/ul
 RT: 27.427 min Scan# 4155
 Delta R.T. -0.017 min
 Lab File: BN032108.D
 Acq: 20 Jun 2024 22:37

Instrument :
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Tgt Ion:276 Resp: 132099
 Ion Ratio Lower Upper
 276 100
 138 23.9 18.1 27.1
 277 21.9 18.2 27.2

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